(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 1 July 2004 (01.07.2004)

PCT

(10) International Publication Number WO 2004/054899 A1

(51) International Patent Classification⁷: 88/74, B65G 69/20

B65D 88/72,

(21) International Application Number:

PCT/GB2003/005495

(22) International Filing Date:

16 December 2003 (16.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0229252.2

16 December 2002 (16.12.2002) GB

- (71) Applicant (for all designated States except US): INBULK TECHNOLOGIES LIMITED [GB/GB]; Shaw lane Industrial Estate, Doncaster, South Yorkshire DN2 4SE (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SNOWDON, Brian [GB/GB]; Clyde Materials Handling, A Division of Clyde Blowers Limited, Shaw Lane Industrial Estate, Doncaster DN2 4SE (GB).
- (74) Agent: HARRISON GODDARD FOOTE; Belgrave Hall, Belgrave Street, Leeds LS2 8DD (GB).

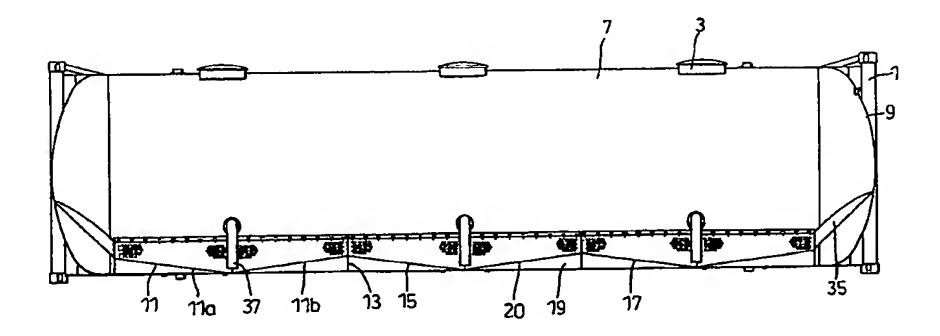
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CONTAINER AND METHOD FOR THE TRANSPORT AND PNEUMATIC CONVEYING OF BULK POWDERS



(57) Abstract: An elongate container (7) for the transport of bulk powders is provided along its base with a longitudinally sloping membrane support. A gas permeable membrane (11) is mounted on the support and the support is itself unsupported relative to the container between its longitudinal and transverse ends. A method of conveying bulk powder using such a container is also described.